

Dkt. 2271/71390

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Hitoshi Arita and Akio Kojima

Serial No. : 10/701,061 Art Unit : 1742

Date Filed : November 4, 2003 Examiner : Unknown

For : SOLDER ALLOY MATERIAL LAYER COMPOSITION,  
ELECTROCONDUCTIVE AND ADHESIVE COMPOSITION, FLUX  
MATERIAL LAYER COMPOSITION, SOLDER BALL  
TRANSFERRING SHEET, BUMP AND BUMP FORMING PROCESS,  
AND SEMICONDUCTOR DEVICE

1185 Avenue of the Americas  
New York, New York 10036  
February 18, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to the applicant's duty of disclosure, the information listed in the attached Form PTO-1449 is brought to the attention of the Examiner. In accordance with the Official Gazette Notice of August 5, 2003, copies of the U.S. Patent references identified in the Form PTO-1449 are not submitted herewith.

It is respectfully requested that the information cited in annexed Form PTO-1449 be considered by the Examiner in connection with the above-identified patent application and that such art be made of record in said application.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that these items are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of the particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

The filing of this Information Disclosure Statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

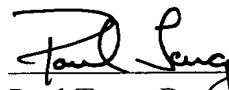
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The Office is hereby authorized to charge any additional fees which may be required for consideration of this Information Disclosure Statement and to credit any overpayment to our Deposit Account No. 03-3125.

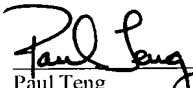
Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,



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I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Paul Teng  
Reg. No. 40,837

February 18, 2004  
Date

Form PTO-1449 FEB 20 2004 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. <b>2271/71390</b>	Serial No. <b>10/701,061</b>
		Applicants: <b>Hitoshi Arita and Akio Kojima</b>	
		Filing Date: <b>November 4, 2003</b>	Group Art Unit: <b>1742</b>

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	5 3 2 6 6 7 8	07/05/1994	Kojima et al.			
	5 3 5 0 6 5 3	09/27/1994	Shoshi et al.			
	5 3 8 7 4 8 7	02/07/1995	Shoshi et al.			
	5 4 8 6 4 3 8	01/23/1996	Shoshi et al.			
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	5 7 0 0 6 1 4	12/23/1997	Kawahara et al.			
	5 7 5 0 7 6 2	05/12/1998	Kawahara et al.			
	5 8 7 9 4 3 9	03/09/1999	Nagai et al.			
	5 8 8 2 3 9 0	03/16/1999	Nagai et al.			
	5 9 7 2 0 8 2	10/26/1999	Koyano et al.			
	5 9 9 3 5 2 4	11/30/1999	Nagai et al.			
	6 1 2 0 5 8 9	09/19/2000	Bannai et al.			
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	20 02 00 83 8 6 6	07/04/2002	Arita et al.			
	20 02 00 96 0 8 5	07/25/2002	Gotoh et al.			
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	20 03 00 10 2 5 2	01/16/2003	Arita et al.			
	20 03 00 64 2 0 6	04/03/2003	Koyano et al.			
	20 03 00 79 6 4 7	05/01/2003	Kaneko et al.			
	20 03 01 07 6 3 2	06/12/2003	Arita et al.			
	20 03 00 38 8 6 9	02/27/2003	Kaneko et al.			
	6 6 1 3 1 3 6	09/02/2003	Arita et al.			

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.